We claim

1. A molding encompassing a composite layered sheet or composite layered film and a backing layer made from plastic injection-molded, foamed, or cast onto the back of the material, where the composite layered sheet or composite layered film encompasses

(1) a substrate layer comprising, based on the total of the amounts of components A and B, and, where appropriate, C and/or D, which give 100% by weight in total,

a from 1 to 99% by weight of an elastomeric graft copolymer as component A,

b from 1 to 99% by weight of one or more hard copolymers containing units which derive from vinylaromatic monomers, as component B,

c from 0 to 80% by weight of polycarbonates, as component C, and

d from 0 to 50% by weight of fibrous or particulate fillers, or a mixture of these, as component D,

wherein component B contains, based on the total weight of units deriving from vinylaromatic monomers, from 40 to 100% by weight of units deriving from α-methylstyrene and from 0 to 60% by weight of units deriving from styrene.

2. A molding as claimed in claim 1, wherein component A encompasses

a1 from 1 to 99% by weight of a particulate graft base as component A1, obtainable by polymerizing, based on A1,

a11 from 80 to 99.99% by weight of at least one C_1-C_8-alkyl acrylate, as component A11,

a12 from 0.01 to 20% by weight of at least one polyfunctional crosslinking monomer, as component A12,

a2 from 1 to 99% by weight of a graft A2 obtainable by polymerizing, based on A2,

a21 from 40 to 100% by weight of styrene, of a substituted styrene, or of a (meth)acrylate, or of a mixture of these, as component A21, and

a22 up to 60% by weight of acrylonitrile or methacrylonitrile, as component A22,

where the graft A2 is composed of at least one graft shell, and the graft copolymer has a median particle size of from 50 to 1000 nm,

and component B encompasses copolymers of

b1 from 40 to 100% by weight of vinylaromatic monomers, as component B1,

b2 up to 60% by weight of acrylonitrile or methacrylonitrile, as component B2.

3. A molding as claimed in claim 1, wherein component A encompasses

a1' from 10 to 90% by weight of at least one elastomeric graft base with a glass transition temperature below 0°C, as component A1', obtainable by polymerizing, based on A1',

a11' from 60 to 100% by weight of at least one conjugated diene, as component A11',

a12' from 0 to 30% by weight of at least one monoethylenically unsaturated monomer, as component A12', and

a13' from 0 to 10% by weight of at least one crosslinking monomer having unconjugated double bonds, as component A13',

a2' from 10 to 60% by weight of a graft, as component A2', made from, based on A2',

a21' from 50 to 100% by weight of at least one vinylaromatic monomer, as component A21'

a22' from 5 to 35% by weight of acrylonitrile and/or methacrylonitrile, as component A22',

a23' from 0 to 50% by weight of at least one other monoethylenically unsaturated monomer, as component A23',

and component B encompasses copolymers of

b1' from 50 to 100% by weight of vinylaromatic monomers, as component B1',

b2' from 0 to 50% by weight of acrylonitrile or methacrylonitrile or a mixture of these, as component B2',

b3' from 0 to 50% by weight of at least one other monoethylenically unsaturated monomer, as component B3'.

4. A molding as claimed in any of claims 1 to 3, wherein the composite layered sheet or composite layered film encompasses

(1) a substrate layer and
(3) an outer layer comprising polymethyl methacrylate and/or polycarbonate.

5. A molding as claimed in any of claims 1 to 3, wherein the composite layered sheet or composite layered film encompasses

(1) a substrate layer and
(3) an outer layer comprising one or more hard copolymers, obtainable by polymerizing vinylaromatic monomers and acrylonitrile, the vinylaromatic monomers used comprising from 80 to 100% by weight of α-methylstyrene and from 0 to 20% by weight of styrene.

6. A molding as claimed in claim 4 or 5, wherein the composite layered sheet or composite layered film encompasses

(1) a substrate layer,
(3) an outer layer, and
(2) an intermediate layer located between substrate layer and outer layer and differing from these, comprising impact-modified polymethyl methacrylate, polycarbonate, or styrene (co)polymers.

7. A molding as claimed in any of claims 1 to 6, wherein the composite layered sheet or composite layered film has a thickness of from 100 μm to 10 mm.

8. A molding as claimed in any of claims 1 to 7, wherein the material forming the substrate layer (1) of the composite layered sheet or of the composite layered film has a Vicat softening point (Vicat B measured to DIN 53 460 with a temperature rise of 50 K/h) of at least 105°C, and the composite layered sheet or composite layered film has a modulus of elasticity E_t (measured to ISO 527-2/1B at 5 mm/min and 90°C) of at least 1300 MPa, a modulus of elasticity E_t (measured to ISO 527-2/1B at 5 mm/min and 100°C) of at least 900 MPa, a Shore C hardness (measured to DIN 53505 at 90°C) of at least 70, and a Shore C hardness (measured to DIN 53505 at 100°C) of at least 60.

9. A process for producing moldings as claimed in any of claims 1 to 8, which comprises producing the composite layered sheets or composite layered films by adapter extrusion or coextrusion, or mutually superposed lamination of the layers (1) and, where appropriate, (2) and/or (3), and, where appropriate, then thermoforming and finally

injection-molding, foaming or casting plastic onto the back of the sheets or films.

10. The use of moldings as claimed in any of claims 1 to 8 as bodywork components for motor vehicles.

11. A roof, a door, an engine cover, a trunk lid, a spoiler, a wind deflector, a lateral airfoil, or a bumper for motor vehicles, comprising a molding as claimed in any of claims 1 to 8.